

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2005/002797

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 A47L 15/42**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47L 17/00, A23B 7/10, D06F 39/12, F24C 7/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KR, IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 10-1999-0074527 A (SAMSUNG ELECTRONICS CO., LTD.) 5 October 1999 See the whole document	1-20
Y	KR 10-2003-0092194 A (LG ELECTRONICS INC.) 6 December 2003 See the whole document	1-20
A	JP 2002-360166 A (MANDO CLIMATE CONTROL CORP.) 17 December 2002 See the whole document	1-20
A	US 6736470 A (DARRIN S. MANKE et al.) 18 May 2004 See the whole document	1-20

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:  
 "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
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 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
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 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
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Date of the actual completion of the international search

06 DECEMBER 2005 (06.12.2005)

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